RRRRR	RRRRRRR	UUU	UUU	NNN	NNN	(00000000	FFFFFFFFFFFFF	FFFFFFFFFFFF
RRRRR	RRRRRRR	ŬŬŬ	ŬŬŬ	NNN	NNN		00000000	FFFFFFFFFFFFF	FFFFFFFFFFFF
	RRRRRRR	ŬŬŬ	ŬŬŬ	NNN	NNN		00000000	FFFFFFFFFFFF	FFFFFFFFFFFF
RRR	RRR	ŬŬŬ	ŭŭŭ	NNN	NNN		000	FFF	FFF
RRR	RRR	ŬŬŬ	UUU	NNN	NNN		000	FFF	FFF
RRR	RRR	ŬŬŬ	UUU	NNN	NNN		000	FFF	FFF
RRR	RRR								
		UUU	UUU	NNNNN			000	fff	FFF
RRR	RRR	UUU	UUU	NNNN			000	FFF	FFF
RRR	RRR	UUU	UUU	NNNNN			000	FFF	FFF
	RRRRRRR	UUU	UUU	NNN	NNN NNN		000	FFFFFFFFFF	FFFFFFFFF
	RRRRRRR	UUU	UUU	NNN	NNN NNN		000	FFFFFFFFFF	FFFFFFFFFF
RRRRR	RRRRRRR	UUU	UUU	NNN	NNN NNN	000	000	FFFFFFFFFF	FFFFFFFFFF
RRR	RRR	UUU	UUU	NNN	NNNNN	000	000	FFF	FFF
RRR	RRR	UUU	UUU	NNN	NNNNN	000	000	FFF	FFF
RRR	RRR	ŬŬŪ	ŬŬŬ	NNN	NNNNN		000	FFF	FFF
RRR	RRR	ŬŨŨ	ŬŬŬ	NNN	NNN		000	FFF	FFF
RRR	RRR	ŬŬŬ	ÜÜÜ	NNN	NNN		000	FFF	FFF
RRR	RRR	ŬŬŬ	บับบ	NNN	NNN	000	000	FFF	FFF
RRR	RRR	บับบับบบบบเ		NIN	NNN		00000000	FFF	FFF
RRR	RRR	UUUUUUUU		NNN	NNN		00000000	FFF	FFF
RRR	RRR								
RRR	RKK	UUUUUUUUU		NNN	NNN	·	00000000	FFF	FFF

_\$2

RIN RNO RNO RTY SAV STR STR STR STR

STR STR STR STR STR STR STR STR STR STR

\$		HH HH HH HH HH HH HH HH HH HHHHHHHHH HHHHHH		• • •
		\$		
LL LL LL LL LL		\$\$ \$\$\$\$\$\$\$ \$\$\$\$\$\$\$ \$\$ \$\$ \$\$		
		\$\$ \$\$ \$\$\$\$\$\$\$\$ \$\$\$\$\$\$\$\$		

STK VO4

16-Sep-1984 01:49:44 14-Sep-1984 13:08:13

DISK\$VMSMASTER: [RUNOFF.SRC]STHL.BLI:1

VAX-11 Bliss-32 V4.0-742

1222222222233333333333344443

0006 0007

8000

0009

0014

0015

0016

0017

0018

0019

0029

0030

0036 0037

0038 0039 0040

0041 0042 1 *

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```
XTITLE 'Process .STYLE HEADERS command' MODULE STHL (
                  IDENT = 'V04-000'
XBLISS32[
         ADDRESSING_MODE(EXTERNAL=LONG_RELATIVE, NONEXTERNAL=LONG_RELATIVE)
                  ) =
BEGIN
```

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FACILITY: DSR (Digital Standard RUNOFF) / DSRPLUS

ABSTRACT: Processes the .STYLE HEADERS command

ENVIRONMENT: Transportable

AUTHOR: R.W. Friday CREATION DATE: April, 1979

STHL V04-000	Process .STYLE HEADERS command Revision History	B 9 16-Sep-1984 01:49:44 14-Sep-1984 13:08:13	VAX-11 Bliss-32 V4.0-742 Page 2 DISK\$VMSMASTER:[RUNOFF.SRC]STHL.BLI;1 (2)
45 46 47 48 49 50 51 52 53	0044 1 %SBTTL 'Revision History' 0045 1 0046 1 MODIFIED BY: 0047 1 0048 1 004 REM00004 0049 1 Global edit of 0050 1 copyright date 0051 1	Ray Marshall 07-Mar-1983 all modules. Updated module name s. Changed require files to BLISS	es, idents, S library.

STKI VO4-

```
STHL
V04-000
                              Process .STYLE HEADERS command Module Level Declarations
                                                                                                                          16-Sep-1984 01:49:44
14-Sep-1984 13:08:13
                                                                                                                                                                        VAX-11 Bliss-32 V4.0-742 Page 3 DISK$VMSMASTER: [RUNOFF.SRC]STHL.BLI;1 (3)
                             0053 1 %SBTTL 'Module Level Declarations' 0054 1 !  
0055 1 ! TABLE OF CONTENTS:  
0056 1 !  
0057 1  
0058 1 !  
0059 1 ! INCLUDE FILES:  
0060 1 !
      555556666666666777777777778888888888899999
                         0061
0062
0063
0194
U 0195
U 0196
0197
                                         1 LIBRARY 'NXPORT:XPORT';
1 REQUIRE 'REQ:RNODEF';
                                                                                                                          ! XPORT Library ! RUNOFF variant definitions
                                         1 %IF DSRPLUS %THEN
1 LIBRARY 'REQ:DPLLIB';
1 %ELSE
1 LIBRARY 'REQ:DSRLIB';
1 %FI
                                                                                                                         ! DSRPLUS BLISS Library
                              0198
                                                                                                                         ! DSR BLISS Library
                              0199
                             MACROS:
                                                EQUATED SYMBOLS:
                                                OWN STORAGE:
                                        1 ! EXTERNAL REFERENCES:
1 EXTERNAL
                                                    HLC : HLC DEFINITION, NMLST : NUMBER_LIST;
                              0219
                                            EXTERNAL ROUTINE
                              0221
                                                    GLNM:
```

STK VO4.

```
9
STHL
                     Process .STYLE HEADERS command
                                                                                       16-Sep-1984 01:49:44
                                                                                                                        VAX-11 Bliss-32 V4.0-742
V04-000
                     STHL --
                                                                                       14-Sep-1984 13:08:13
                                                                                                                        DISK$VMSMASTER: [RUNOFF.SRC]STHL.BLI:1
                     02223
02223
022226
022228
02228
0223
0230
                                XSBTTL 'STHL --'
                                GLOBAL ROUTINE sthl (handler_code) :NOVALUE =
     97
     98
     99
                                 FUNCTIONAL DESCRIPTION:
   100
                                           STHL processes the .STYLE HEADERS command, which specifies
   102
                                           how text given on a .HEADER LEVEL command is to be processed.
   103
                     0231
0233
0233
0233
0235
   104
                                   FORMAL PARAMETERS:
   105
   106
107
                                           HANDLER_CODE is a dummy, used just for conformance.
   108
                                   IMPLICIT INPUTS:
                     0236
0237
   109
   110
                                           There are 9 legal arguments that can be supplied to .STHL. They are gotten
                     0238
   111
                                           by GLNM(9) at the beginning of this routine. The 9 arguments control the
                     0239
   112
                                           following things:
   113
                     0240
                     0241
   114
                                             n]: Heads at this level or higher (smaller n) are made all-cap. Default 1.
                     0242
   115
                                            n2: Heads at this level and lower (larger n) are cap-lower-case. Default 2. n3: Heads at this level and lower are run-in heads. Default 3. ??
   116
                     0244
0245
0246
0247
0248
0249
                                            n4: Heads at this level and lower are not numbered. Default 7.
n5: Heads at this level and lower, if not run-in, are centered. Default 7.
n6: This many lines are skipped before heads. Default 2. ??
n7: This many lines are skipped after heads. Default 1. ??
n8: An implied test-page of this many lines is done before heads. Default 3. ??
   117
   118
   119
   1212345678901233456789012444567
121234567890123345678901244567
                                            n9: This many spaces are inserted after header number, before title. Default 1.
                     0251
0252
0253
                                   IMPLICIT OUTPUTS:
                                                                 None
                                   ROUTINE VALUE:
                     0254
                                   COMPLETION CODES:
                                                                 None
                     0255
                     0256
                                  SIDE EFFECTS:
                                                                 None
                     0257
                     0258
                            1 !--
                     0259
                     0260
                                      BEGIN
                     0261
0262
0263
0264
0265
0266
0267
0276
0271
0273
0276
0277
                                      !Get parameters.
                                      alnm(9);
                                      !If any parameter is in error don't do anything but return.
                                      INCR i FROM 1 TO .nmlst_count DO
IF .nmlst_descr (.i) EQL nm_bad THEN
                                                 RETURN:
                                      !Process parameters
                                        first parameter specifies lowest .HL command that generates
                                        a "runon" header -
                                      If .nmlst_count GEQ 1 THEN ! First, be sure there was at least 1 parameter.
   148
                                           BEGIN
   149
                                           I F
                                                .nmlst_descr(1) NEQ nm_null ! Be sure this parameter was specified
   150
                                           THEN
                             Ž
   151
                     0278
                                                 hlc_runon = .nmlst_value(1);! Assign first value to "runon"
```

STK VO4

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9
                                                                       16-Sep-1984 01:49:44
STHL
                  Process .STYLE HEADERS command
                                                                                                  VAX-11 Bliss-32 V4.0-742
V04-000
                                                                       14-Sep-1984 13:08:13
                                                                                                  DISKSVMSMASTER: [RUNOFF.SRC]STHL.BLI:1
                  0279
                  0280
                                        .nmlst_count GEQ 2 THEN
                                                                       ! if at least two parameters specified
                 0281
0282
0283
                                        BEGIN
IF .r
   155
156
157
158
                                            .nmlst_descr(2) NEQ nm_null ! Be sure second parameter was
                                        THEN
                                                                                specified
                  0284
                                            hlc_upper = .nmlst_value(2);! Assign its value to "all upper case"
                  0285
                 0286
0287
   159
                                        !Make sure there was a third parameter specified. IF .nmlst_count GEQ 3 THEN
   160
                 0288
   161
                                            BEGIN
                 0289
0290
0291
0292
0293
0294
   162
                                                 .nmlst_descr(3) NEQ nm_null !Be sure third parameter was specified
   163
                                            THEN
   164
                                                 hlc_cap = .nmlst_value(3); !Assign third value to 'capitalize first character'.
   165
   166
                                             !Make sure there was a fourth parameter specified.
   167
                                                 .nmlst_count GEQ 4 THEN
                        6
   168
                                                 BEGIN
                 0296
   169
                        6
                                                 !If the fourth parameter was not a dummy, get its value.
   170
                 0297
                        6
                                                     .nmlst_descr(4) NEQ nm_null THEN
   171
                 0298
                        6
                                                     hlc_no_number = .nmlst_value(4);
  172
173
                 0299
                        6
                 0300
                        6
                                                 !Make sure there was a fifth parameter specified.
                                                     .nmlst_count GEQ 5 THEN
   174
                 0301
                        6
   175
                 0302
                                                     BEGIN
  176
                 0303
                                                      !Process fifth parameter only if it was not null
   177
                 0304
                                                          .nmlst_descr(5) NEQ nm_null THEN
   178
                 0305
                                                          hlc_center = .nmlst_value(5);
   179
                 0306
                                                     !Make sure there was a sixth parameter specified. IF .nmlst_count GEQ 6 THEN
                 0307
   180
   181
                 0308
   182
                 0309
                                                          BEGIN
  183
                 0310
                                                          !Process sixth parameter only if it was not null.
   184
                 0311
                                                              .nmlst_descr(6) NEQ nm_null THEN
                 0312
   185
                                                              hlc_headlb = .nmlst_value(6);
  186
   187
                 0314
                                                          !Make sure there was a seventh parameter specified.
                                                              .nmlst_count GEQ 7 THEN
   188
                 0315
   189
                 0316
                                                              BEGIN
   190
                 0317
                                                               !Process the seventh parameter only if it wasn't null
   191
                 0318
                                                                   .nmlst_descr(7) NEQ nm_null THEN
   192
                 0319
                                                                   hlc_heādlc = .nmlst_value(7);
   193
                 0320
                 0321 9
0322 9
0323 10
                                                               !Make sure an eighth parameter was specified IF .nmlst_count GEQ 8 THEN
   194
   195
   196
                                                                   BEGIN
                 0324 10
0325 10
   197
                                                                   !Process the eighth parameter only if it wasn't null.
   198
                                                                       .nmlst_descr(8) NEQ nm_null THEN
                 0326 10
0327 10
   199
                                                                       hlc_headlt = .nmlst_value(8);
   200
                 0328 10
0329 10
0330 11
                                                                   !Make sure a ninth parameter was specified
                                                                       .nmlst_count GEQ 9 THEN
   202
   203
                                                                       BEGIN
                 0331 11
   204
                                                                        !Process the ninth parameter only if it wasn't null.
                 0332 11 0333 11
   205
                                                                            .nmlst_descr(9) NEQ nm_null THEN
   206
                                                                            hlc_headsp = .nmlst_vaTue(9);
   207
                 0334 10
                                                                       END:
   208
                 0335 9
                                                                   END:
```

STK

V04

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```
F 9
STHL
                                                                           16-Sep-1984 01:49:44
14-Sep-1984 13:08:13
                  Process .STYLE HEADERS command
                                                                                                       VAX-11 Bliss-32 V4.0-742
                                                                                                                                                 Page
V04-000
                  STHL --
                                                                                                       DISKSVMSMASTER: [RUNOFF. SRC]STHL.BLI; 1 (4)
                  0336
0337
0338
                                                  END; END;
                                                                  END:
   210
211
213
214
215
216
217
218
                  0338 6
0339 5
0340 4
                                               END;
                  0341 4
0342 3
0343 2
0344 2
0345 1
                  0341
0342
0343
                                          END:
                                     END;
                                 END:
                                                                  !End of STHL
                                                                                       .TITLE STHL Process .STYLE HEADERS command
                                                                                       .IDENT \V04-000\
                                                                                       .EXTRN HLC, NMLST, GLNM
                                                                                       .PSECT $CODE$, NOWRT, 2
                                                                0000 00000
                                                                                                STHL, Save R2,R3
HLC+8, R3
                                                                                       .ENTRY
                                                                                                                                                      0223
                                              53 0000000G
                                                                 9E 00002
9E 00009
                                                                                       MOVAB
                                              52 00000000G
                                                              EF
                                                                                                NMLST, R2
                                                                                       MOVAB
                                                              Ō9
                                                                  DD 00010
                                                                                       PUSHL
                                                                                                #9
                                                                                                                                                      0263
                                0000000G
                                             EF
51
                                                              01
                                                                  FB 00012
                                                                                       CALLS
                                                                                                #1. GLNM
                                                              62
                                                                  DO 00019
                                                                                       MOVL
                                                                                                NMLST, R1
                                                                                                                                                      0266
                                                              50
                                                                   D4 0001C
                                                                                       CLRL
                                                              09
                                                                   11 0001E
                                                                                       BRB
                                             04
                                                      00A0 C240
                                                                  D1 00020 15:
                                                                                       CMPL
                                                                                                NMLST+160[I], #4
                                                                                                                                                      0267
                                                              01
                                                                   12 00026
                                                                                       BNEQ
                                                                                                2$
                                                                   04 00028
                                                                                       RET
                                                              51
51
                             f 3
                                             50
                                                                  F3 00029 25:
                                                                                       AOBLEQ
                                                                                               R1, I, 1$
                                                                   D5 0002D
                                                                                       TSTL
                                                                                                R1
                                                                                                                                                      0274
                                                              01
                                                                   14 0002F
                                                                                                3$
                                                                                       BGTR
                                                                   04 00031
                                                                                       RET
                                                                                                NMLST+164
                                                      00A4
                                                                  D5 00032 3$:
                                                                                       TSTL
                                                                                                                                                      0276
                                                                  13 00036
                                                                                       BEQL
                                                                                                45
                                             63
02
                                                        04
                                                              A2
                                                                  DO 00038
                                                                                       MOVL
                                                                                                NMLST+4, HLC+8
                                                                                                                                                      0278
                                                              51
                                                                                                R1, #2
12$
                                                                  D1 0003C 45:
                                                                                       CMPL
                                                                                                                                                      0280
                                                              7B
                                                                  19 0003F
                                                                                       BLSS
                                                              05
                                                      8A00
                                                                  D5 00041
                                                                                       TSTL
                                                                                                NMLST+168
                                                                                                                                                      0282
                                                                  13 00045
                                                                                       BEQL
                                                                                                5$
                                             A3
03
                                       F8
                                                        08
                                                              A2
                                                                  DO 00047
                                                                                       MOVL
                                                                                                NMLST+8, HLC
                                                                                                                                                      0284
                                                                                      CMPL
BLSS
                                                              51
                                                                  D1 00046 5$:
                                                                                                                                                      0287
                                                                                                R1, #3
                                                              6B
C2
05
                                                                  19 0004F
                                                                                                12$
                                                      DAC
                                                                  D5 00051
                                                                                       TSTL
                                                                                                NMLST+172
                                                                                                                                                      0289
                                                                  13 00055
                                                                                       BEQL
                                                                                                6$
                                                        00
                                                              ĀŽ
                                       FC
                                             A3
                                                                  DO 00057
                                                                                       MOVL
                                                                                                NMLST+12, HLC+4
                                                                                                                                                      0291
                                                                                      CMPL
BLSS
                                                                                                R1 #4
12$
                                                              51
                                                                   D1 0005C 65:
                                                                                                                                                      0294
                                                                  19 0005F
                                                      0080
                                                                  D5 00061
                                                                                                                                                      0297
                                                                                                NMLST+176
                                                                                      TSTL
                                                                   13 00065
                                                                                       BEQL
                                                              Ă2
51
                                                        10
                                                                                                                                                      0298
0301
                                        14
                                             A3
                                                                  DO 00067
                                                                                       MOVL
                                                                                                NMLST+16, HLC+28
                                              05
                                                                                      CMPL
BLSS
TSTL
                                                                  D1 0006C 7$:
                                                                                                R1, #5
                                                              4B
(2
05
                                                                  19 0006F
                                                                  D$ 00071
                                                      00B4
                                                                                                NMLST+180
                                                                                                                                                      0304
```

13 00075

DO 00077

A3

14

10

BEQL

MOVL

NMLST+20, HLC+36

0305

STHL V04-00	00		.STYLE	HEADERS	comman	nd			1	G 9 6-Sep- 4-Sep-	1984 01:49 1984 13:08	9:44 3:13	VAX- DISI	-11 Bliss-32 v4.0-742 K\$vmsmaster:[runoff.sr	Pag CJSTHL.BLI;1	e 7 (4)
					06	0088	51 3B C2 05	D1 19 05	0007F	8\$:	CMPL BLSS TSTL	R1 / 12\$	#6 T+184		;	0308 0311
				10	A3 07	18	A2 51	13 00 01	00083	,	BEQL MOVL CMPL	9\$ NMLS	T+24.	HLC+24		0312 0315
					•	0080	2B 05	19 05 13	0008F		BLSS TSTL BEQL	R1, 1 12\$ NMLS' 10\$	T+188			0318
				08	A3 08	10	A2 51	DO D1 19	00097 00090	•	MOVL (MPL	NMLS R1 12\$	T+28, #8	HLC+16		0319 0322
				0.0	A 7	0000	18 C2 05	05 13	000A1		BLSS TSTL BEQL	MMLS'	T+192	W C+20		0325
				00	A3 09	20	A2 51 0B	D0 D1 19	000A0	11\$:	MOVL CMPL BLSS	R1 /	#9	HLC+20		0326 0329
				18	A3	00C4 24	08 02 05 A2	05 13 00 04	000B5	12\$:	TSTL BEQL Movl	12\$	T+196 T+36,	HLC+32		0332 0333 0345
; Rout	tine Size:	189 by	tes,	Routine	Base:	\$CODE\$	+ 0	-		120;	RET				•	0345
: 219		0346 1 0347 0	END ELUDOM					!En	d of m	odule						
					PSECT	SUMMARY										
***	Name DDE\$			Bytes	190 NO	WEC MOUN	D T	0.0		tribut		DEI	CON	MODIC ALICNICAL		
\$ CC					189 NO	IVEC, NOW	ΑΙ,	אט	, Ex	E,NUSH	K, LUL,	KEL,	CUN,	NOPIC, ALIGN(2)		
:				Librar	y Stati	stics										
•	File					Total		mbo ade	ls d Pe	rcent	Pages Mappe		Proc Time	cessing P		
-\$2	255\$DUA28:[255\$DUA28:[SYSLIB] RUNOFF.	XPORT.L3 SRCJDSRL	32:1 .IB.L32;	1	590 1248		2	0	0	252 86		00	0:00.1 0:00.2		

COMMAND QUALIFIERS

BLISS/CHECK=(FIELD, INITIAL, OPTIMIZE)/LIS=LIS\$:STHL/OBJ=OBJ\$:STHL MSRC\$:STHL/UPDATE=(ENH\$:STHL)

: Size: 189 code + 0 data bytes
: Run Time: 00:06.8
: Elapsed Time: 00:20.8
: Lines/CPU Min: 3075
: Lexemes/CPU-Min: 25542
: Memory Used: 70 pages
: Compilation Complete

STYL

0349 AH-BT13A-SE

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